

UNIQUE IDENTIFICATION (UID)



UID Registry
Data Submission
May 2005



UID Registry

- ◆ Purpose:
 - Collect UID and pedigree information of tangible items owned by DoD
 - Distribute UID and pedigree information to DoD users
 - Provide single point of reference for DoD tangible items that have assigned Unique Item Identifier
- ◆ Operational Environment:
 - UID Registry – database located in Battlecreek, MI
 - Operated by Defense Logistics Information Service
 - Resides on Business Process Network backbone



UID Registry Status

- ◆ Implementation Timeline:
 - Concept definition – Oct 03
 - Development and Test – Nov 03 – May 04
 - Initial Operational Capability - May 04
- ◆ Current Functionality:
 - UID and Pedigree data capture for new End Items
 - Source data from vendors
 - WAWF Shipment Notification
 - Direct electronic submission
 - Web-enabled manual submission
 - Current population
 - Over 6000 UIDd Items



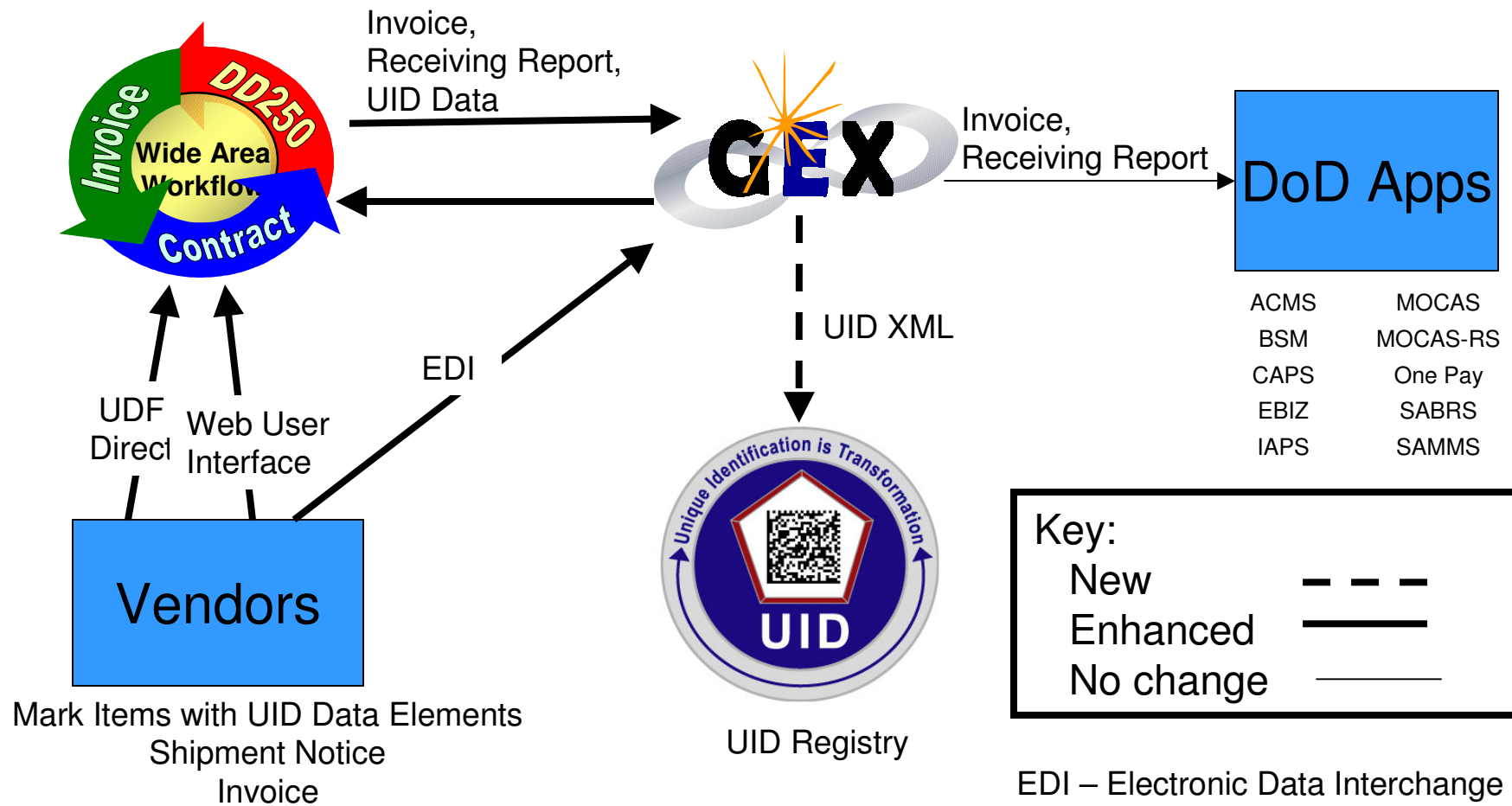
UID “Pedigree” Data – Phase 1

End Item Data (15)

- ◆ UID (Concatenated)
- ◆ Descriptive Data
 - UID Type
 - Issuing Agency Code
 - Enterprise Identifier
 - Part Number
 - Serial Number
 - Item Description
 - Unit of measure
- ◆ Acquisition Data
 - Contractor DUNS
 - Contract Number
 - CLIN/SLIN/ELIN
 - Price
 - Acceptance Location Code (identifies acceptor)
 - Acceptance Date
 - Ship to code



UID Data Capture via WAWF





Wide Area Work Flow Version 3.0.4 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back

Forward

Home

Search

Favorites

Media

Print

Stop

Reload

Links

Address C:\Documents and Settings\abarrow\Desktop\Inspector.htm

Go Norton AntiVirus Links

1-866-618-5988

DSN: 388-7095

UserID: aimeevendor

[Home](#)
[My Profile Maintenance](#)
[Add Additional Role](#)
[Password Maintenance](#)

[+]Inspector

[Create Receiving Report](#)
[Access Inspection Folder](#)
[Access History Folder by DoDAAC](#)
[Access History Folder by User](#)
[Access Inspection Hold Folder](#)
[Access Rejected Receiving Reports](#)

[+]Local Processing Office

[+]Pay Official

[FTP/EDI Guides & Other Supporting Documents](#)
[Software Users Manual](#)

Wide Area Workflow

Header

Line Item

UID

Addresses

Misc. Info

RECEIVING REPORT

- CONTINUATION SHEET

* = Required Fields

Contract Number	Delivery Order	Shipment Number	Invoice Number
AIMEE	1208	ARB07S	ARB07I

Item No	Qty. Shipped	Qty. Accepted *	Accept All	Reject All
0001	3		<input type="checkbox"/>	<input type="checkbox"/>

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	123456789012345678901234567890

UID No.	Serial No.	A	R
12345678901234567890123456789012345678901234567890123456789012345678	12345678901234567890123456789012345678901234567890123456789012345678	<input type="radio"/>	<input type="radio"/>

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	123456789012345678901234567890

UID No.	Serial No.	A	R
12345678901234567890123456789012345678901234567890123456789012345678	12345678901234567890123456789012345678901234567890123456789012345678	<input type="radio"/>	<input type="radio"/>
12345678901234567890123456789012345678901234567890123456789012345678	12345678901234567890123456789012345678901234567890123456789012345678	<input type="radio"/>	<input type="radio"/>

Item No	Qty. Shipped	Qty. Accepted *	Accept All	Reject All
000	4		<input type="checkbox"/>	<input type="checkbox"/>

Enterprise ID	Agency Code	UID Type	Original Part No.
1234567890123	xxx	xxxxx	123456789012345678901234567890

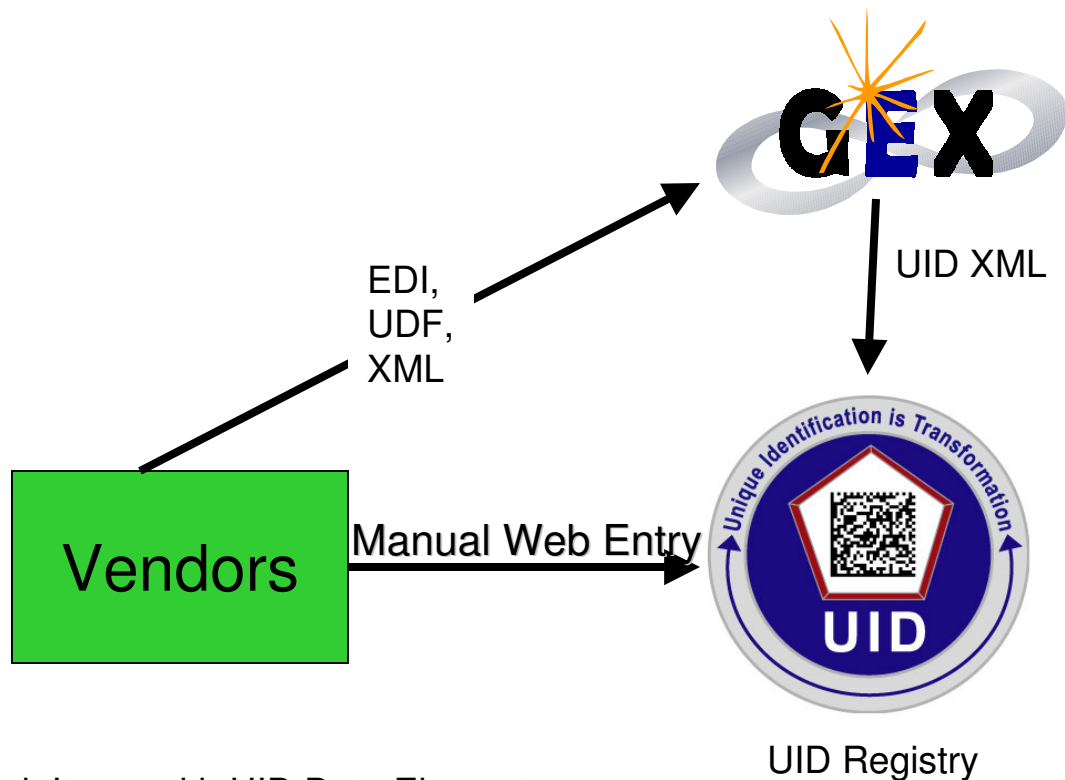
UID No.	Serial No.	A	R

Done

Internet



UID Data Capture – Direct Electronic



Mark Items with UID Data Elements
Shipment Notice

EDI – Electronic Data Interchange
UDF – User Defined Format



UID XML Sample

```
C:\Documents and Settings\prooney\Local Settings\Temporary Internet Files\OLKDM-700_Legacy_Sam - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Forward Stop Home Search Favorites Media Mail Print Address Book
Address C:\Documents and Settings\prooney\Local Settings\Temporary Internet Files\OLKDM-700_Legacy_Sample.xml
Search the Web Go Visual Bookmarks Pop-up Bin Search Results Viewpoint

<?xml version="1.0" encoding="UTF-8" ?>
<!-- LG1: All data is legacy data residing with the Government. The Government provides the XML transaction. -->
- <UIDDocument xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="C:\Documents and Settings\Critzju\My Documents\Old-
C\UID\UId_Schema_V3.0.xsd">
  <LegacyOrNewCode>LEGACY</LegacyOrNewCode>
  <Version>3.0</Version>
  - <Contact>
    <Email>GEORGE.I.JOUGH@HQDA.ARMY.MIL</Email>
    <Name>GEORGE JOUGH</Name>
    <Organization>DAD015</Organization>
    <Phone>703-778-3665 x2218</Phone>
  </Contact>
  - <AddItem>
    - <NewEmbedded>
      <ParentUID>D3GJ7975AB1234162345</ParentUID>
      - <EmbeddedInfo>
        <Description>LANDING GEAR, MAIN, AV-8B</Description>
        - <EmbeddedList>
          <EnterpriseIdentifier>U7387</EnterpriseIdentifier>
          <IssuingAgencyCode>D</IssuingAgencyCode>
          <OriginalPartNumber>75A23456G</OriginalPartNumber>
          <SerialNumber>00012345</SerialNumber>
          <UId>DU738775A23456G00012345</UId>
          <UIdType>UID2</UIdType>
        - <Mark>
          <Contents>PART NUMBER</Contents>
          <EffectiveDate>2001-07-01</EffectiveDate>
          <AddedOrRemovedCode>A</AddedOrRemovedCode>
          <MarkerCode>D</MarkerCode>
          <MarkerIdentifier>U7387</MarkerIdentifier>
          <MediumCode>HUMAN READABLE</MediumCode>
          <Value>75A23456G</Value>
        </Mark>
        - <Mark>
          <Contents>SERIAL NUMBER</Contents>
          <EffectiveDate>2001-07-01</EffectiveDate>
          <AddedOrRemovedCode>A</AddedOrRemovedCode>
          <MarkerCode>D</MarkerCode>
          <MarkerIdentifier>U7387</MarkerIdentifier>
          <MediumCode>HUMAN READABLE</MediumCode>
          <Value>00012345</Value>
        </Mark>
        - <Mark>
          <Contents>UID</Contents>
          <EffectiveDate>2004-12-20</EffectiveDate>
          <AddedOrRemovedCode>A</AddedOrRemovedCode>
          <MarkerCode>D</MarkerCode>
          <MarkerIdentifier>U7387</MarkerIdentifier>
        </Mark>
      </EmbeddedList>
    </NewEmbedded>
    </AddItem>
  </UIDDocument>
```




Sample X12 856

```
UID1_Sample_856.x12 - Notepad
File Edit Format View Help
ISA000A      A00A      AZZACCOTSLIDELL      AZZAWWF02      A990806A1231AUU00200A100000003A0ATA*
GSASHAJITCSITAWWF02A19990806A1615A100000003AT004010F856_0
STA856A1005
BSNA00AEAC0001A20010823A095554AAAS
HLA1AAVA1
N1ASEAA33A7F311
PERAICAMOCAS
N1AC4AA10AS4801A
N1ASF3A33A7F311
N1APRAA10AHQ0339
N3ADFAS - COLUMBUS CENTER
N3AWEST ENTITLEMENT OPERATIONS
N4ACOLUMBUSAOH432182381
N1ASTAA10AW56HZV
N2AXU N1CP ACCT PROP OFF
N3AUSA TACOM
N4AWARRENAMI483975000
N1ABYAA10AN00383
N1AL1AA10AS4801A
N1AZ7AA10AN00383
N2ANAVL INVENTORY CONTROL POIN
N3A700 ROBBINS AVENUE
N4APHILADELHIAAPA191115098
HLA2A1AS1
PRFAF3460100C0110
TD5AAAAAS
REFATGA2345
DTMA011A20010404
F0BADF0R
LMADF
LQA7AS
LQA8AS
HLA3A2AI1
LIN4001AFSA5437012013456
SN1AA25AEA
SLNA1AA0AAA500
PIDAFAAAASHIPMENT W/9 CLINS S/S
CLDA1A25AAEA
REFASEAW8001290010986A
LMADF
LQA14AH
HLA4A3ADAO
SLNA1AA0A1AEA5000.01AAKFAUID1AMFA123456789AMGAPN#1000-01AXZAU
REFAU3ASN#01AUN123456789SN01ABT:A0012003
REFAU3ASN#02AUN123456789SN02ABT:A0012003
REFAU3ASN#03AUN123456789SN03ABT:A0012003
REFAU3ASN#04AUN123456789SN04ABT:A0012003
REFAU3ASN#05AUN123456789SN05ABT:A0013003
REFAU3ASN#06AUN123456789SN06ABT:A0013003
HLA5A3ADAO
SLNA1AA0A1AEA5000.01AAKFAUID1AMFA123456789AMGAPN#1000-02AXZAU
REFAU3ASN#07AUN123456789SN07ABT:B001200A
REFAU3ASN#08AUN123456789SN08ABT:B001200A
REFAU3ASN#09AUN123456789SN09ABT:B001200A
REFAU3ASN#10AUN123456789SN10ABT:B001200A
REFAU3ASN#11AUN123456789SN11ABT:B001300A
REFAU3ASN#12AUN123456789SN12ABT:B001300A
HLA6A2AI1
LIN4001AFSA5437012013456
SN1AA25AEA
SLNA1AA0AAA500
PIDAFAAAASHIPMENT W/9 CLINS S/S
CLDA1A25AAEA
REFASEAW8001290010986V
LMADF
LQA14AH
HLA7A6ADAO
SLNA1AA0A1AEA25000AAKFAVINAMFA123456789AXZAD-U-N-S
REFAU3AAVINL2KDI950400003DKSL101
HLA8A2AI10
LIN46001AFSA5437012013456
```



Sample Receiving Report UDF

```
RR_Base_7digit_DO_For_Curr - Notepad
File Edit Format View Help

START*2A
A*JUDYTESTA
B*RRR
1*N0001902C3004A1234567A20040415AA
1A*EUR
2*CRCL047A20040415AANA
3*SPLA
4*AAAG
5*AAAAAA
6*81977194A20040415AANA
7*AA
8*SASA
9*13499AA
9A*13499AROCKWELL COLLINSAA400 COLLINS RD NEAAAACEDAR RAPIDSAA52498AUSAAA
10*S2401AA
10A*S2401AADCMA-TWIN CITIESAB.H.WHIPPLE FEDERAL BLDG, STE 1150AONE FEDERAL DRAAAAAFORT SNELLINGAMNA55111AUSAAA
10B*S2401AAGTR015A
10C*AAAAAAAAAAAAAA
11*13499AA
11A*13499ARockwell CollinsAA400 Collins Rd. NEAAAAcedar RapidsAA52498AUSAAA
12*HQ0339A
12A*HQ0339ADFAS-COLUMBUS CENTERWEST ENTITLEMENT OPERATIONSAA182381AAAACOLUMBUSAOHA43218-2381AUSAAA
13*Q99067AA
13A*Q99067ANORTHROP GRUMMAN CORPORATIONMATL OPER SVC CTRAA425 NORTH DRIVEAAAAAMELBOURNEAFLA32934AUSAAA
13B*AA
13C*AAAAAAAAAAAAAA
14*AA
14A*AAAAAAAAAAAAAA
14B*E-2C HE2K (CY03)A
14B*ATTN: GEORGE VAN AXENA
14C*AA
15*0211AGAA1ANA
16*5975014373107AFSA
16A*MT-7006/ARC AMPLIFIER MOUNTA
16A*Serial No.: TUG00134 , TUG00135 , TUG00136A
16B*AA
16C*AA
16D*UID2ADA13499A622-9465-001AAAAA
16E*AA
16F*D113499622-9465-00110PTXTA10PTXTA
16D*UID2ADA13499A622-9465-001AAAAA
16E*AA
16F*D113499622-9465-00110PTXVA10PTXVA
16D*UID2ADA13499A622-9465-001AAAAA
16E*AA
16F*D113499622-9465-00110PTXXA10PTXXA
17*3AHA
18*EAA
19*407.00000A
20*AA
20A*AAAAAAAAAAAAAA
21*11A
21A*AA
22*AA
23*J SCHECHTMAN **SIGNED IN WAWF**A
23*ED WOODA
23*Sales Order : 0000960177A
25*NA
26*AA
=END=
```




UID Registry Screen

UID Search Government View - Inquiry Results - Microsoft Internet Explorer provided by Northrop Grumman Corporation

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Print View Source

Address <http://131.87.2.234/uid/Scripts/ResultGovt.asp?UID=25583501-1049-511037C> Go Links



Unique Identification Registry

Proof of concept demo

UID Search Government View Inquiry Results

UID: 25583501-1049-511037C

UID TYPE: Unique Identification Construct 1, Serialization within the Enterprise

Issuing Agency Code: 007250079

Original Part Number: 501-1049-51

Serial Number: 1037C

Description: INDICATOR, ATTITUDE

Unit of Measure: EA

Acquisition Cost: 550

Contract Number: D365-03-0001

CLIN: 0126

Acceptance Date: 2004-02-09

Ship-to Code: UIC 09527

Commercial Sites

- [BarCodeNexus](#)
- [ISBN](#)
- [UCCNet](#)

Government Sites

- [UDCI](#)
- [webFLIS](#)

2608 Items, 595 Unread

Internet



Upcoming Capabilities

- ◆ Future enhancements 2Q CY 05
 - Ability to update Item data
 - Current Part Number
 - Capability to capture embedded items (e.g., subassembly)
 - Capability to identify Government Furnished Property
 - Contract, Contractor, type of property
 - Capability to identify Legacy Items
 - Capability to capture original Manufacturer and Marking entity
 - Capability to capture type of mark
 - Virtual
 - Other unique marks
- ◆ Initial roll out of new functionality via xml data structure



Enhanced UID Data

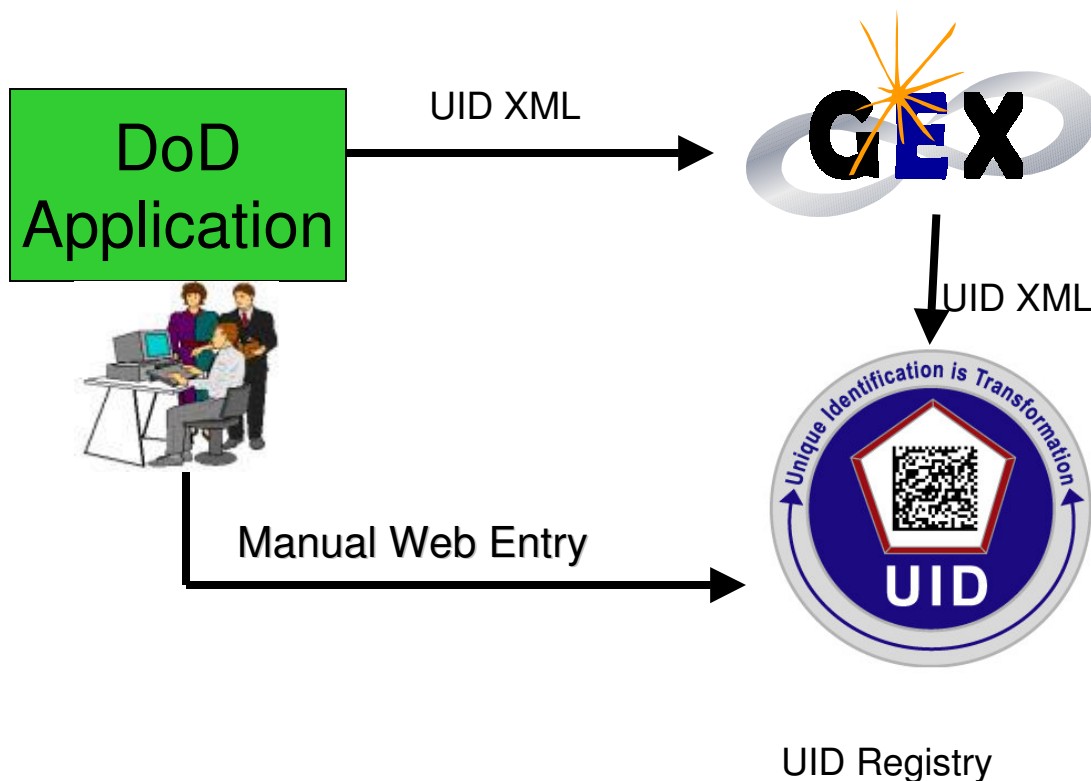
Concatenated UII
Issuing Agency Code
Enterprise Identifier
Original Part Number
Serial Number
UII Type
Description
Batch/Lot
Current Part Number
Current Part Number Effective Date
Manufacturer Identifier
Parent Concatenated UII
ContractInfo
Contract Number
Prime Contractor Identifier
Acceptance Code
Acceptance Date
Acquisition Cost
CLIN/SLIN/ELIN
Foreign Currency Code
Ship-to Code
Unit of Measure

Custody
CAGE
Contract Number
DoDAAC
DUNS
Received Date
Sent Date
Status Flag
Category Code (E or M)
Mark
Contents
Effective Date
AddedOrRemoved
Marker Code
Marker Identifier
Medium
Values in Mark Contents
Open Items
Custodian or Steward (System)
Location UID
Program UID
Item Status
Current Dollar Value of Item
Alias (system unique)



Legacy Data Submission

Mark Items with UID Data Elements
Or
Virtual UID Defined



Legacy data submission has relaxed business rules for contract info

EDI – Electronic Data Interchange
UDF – User Defined Format



Future UID Capabilities

- ◆ Reports
- ◆ Automated Error Reconciliation
- ◆ Electronic query (system to system interaction)
- ◆ Alias association
- ◆ Item status indicator



More UID Data Submission Info

◆ UID Web Site Data Submission Paper

◆ Send questions or request for test support to info@uniqueid.org

The screenshot shows a Microsoft Internet Explorer browser window displaying the DPAP website. The address bar shows the URL: <http://www.acq.osd.mil/dpap/UID/DataSubmission.htm>. The page header includes the DPAP logo and navigation links: Home, Site Map, Feedback, Contact DPAP. The main content area is titled "Unique Identification of Tangible Items Data Submission Information" and lists eight frequently asked questions (FAQs) with links to detailed information. A left sidebar contains a "Site Menu" with links to various DPAP sections, including DPAP Directorates, Resources, and Initiatives. The bottom of the page shows the "Internet" status bar.

Defense Procurement and Acquisition Policy - Unique Identification (UID), Data Submission - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites Media Print Mail

Address <http://www.acq.osd.mil/dpap/UID/DataSubmission.htm> Go Links Google Viewpoint

Search the Web Go Visual Bookmarks Pop-up Bin Search Results Viewpoint

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Office of the Under Secretary of Defense for Acquisition Technology and Logistics

Defense Procurement and Acquisition Policy

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[DPAP Homepage](#) | [UID](#) | [Data Submission](#)

UID

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Policy, Reg. & Standards

Accounting & Valuation

Technology

UID Data

Program Office & Groups

FAQ

Site Menu

About DPAP

DPAP Directorates

DARS

DAU

E-Business

PAIC

Policy

Special Assistant

Resources

DoD 5000 Series

Policy Vault

DFARS

Other Documents

Initiatives

DFARS Transformation

Purchase Card

Unique Identification

Outreach and Comm

Acquisition Domain

AcqDemo

Legislation

Education

Unique Identification of Tangible Items Data Submission Information

1. [Who is responsible for submitting UID data?](#)
2. [What data is required?](#)
3. [When is data required?](#)
4. [How do I submit UID data via WAWF?](#)
5. [How do I submit UID data in the interim?](#)
6. [Can I have the UID portion of a selected file format validated before using it in the production environment?](#)
7. [For the direct submission methods, will there be any status files returned that would need to be processed?](#)
8. [Who can I contact for more information?](#)

1. Who is responsible for submitting UID data?

After January 1, 2004, requests for proposals (RFPs) will include DFARS clause 252.211-7003, Item Identification and Valuation, and a reference to the most current version of MIL-STD-130. Contracting officers shall include the DFARS clause in all solicitations and contracts that require delivery of items that meet UID criteria. Program managers will identify any other items requiring unique identification. The prime contractor has the responsibility to furnish Unique Item Identifiers (UIIs) or other DoD recognized unique identification equivalents, and to provide the Government's unit acquisition cost of items that are delivered to the Department under a DoD contract. UID data should be submitted with the shipment notification. [Back to Top](#).

2. What data is required?

Data requirements for UID data are based on the DFARS Interim Rule on "Unique Item Identification and Valuation" which was published in the Federal Register on October 10, 2003 (DFARS Case 2003-D081) or subsequent revisions.

In order to capture UID Item Pedigree, the following core UID data elements are required:

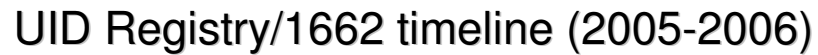
- UID Type
- UID

Based on the UID type, one or more of the following elements may be required:

- Issuing Agency Code
- Enterprise Identification Number
- Original Part Number (not required if using UID construct # 1)
- Serial Number

In addition to these elements, the following acquisition data elements are required:

- Contractor CAGE or DUNS number
- Contract Number
- CLIN/SLIN/ELIN
- Item Description
- Foreign Currency
- Unit of Measure
- Acquisition Cost



2007

Mar 31

Final Deadline:
All contractors
must be on-line

- Small businesses may submit paper 1662
- Delinquent large companies owe 1662